

WHAT IS CLAIMED IS:

1. A method for assembling an antenna body onto a plastic base, comprising the steps of:
forming the plastic base with a plurality of posts protruding thereon;
punching a plurality of pinholes on the antenna body corresponding to the posts;
conjoining the plastic base and the antenna body to align the posts with the pinholes; and
thermal deforming the posts to engage edges of the pinholes.
2. The method as claimed in claim 1, wherein the plastic base is formed by a single-shot molding.
3. The method as claimed in claim 2, wherein the antenna body is in a PIFA structure.
4. The method as claimed in claim 3, wherein the antenna body comprises a first and a second elastic metal feeder sheets.
5. The method as claimed in claim 4, wherein the plastic base comprises two retaining portions cooperating with the first and the second feeder sheets respectively.
6. The method as claimed in claim 5, wherein the plastic base and the antenna body form an antenna assembly for mounting into an electronic device.
7. The method as claimed in claim 6, wherein the plastic base comprises a pair of flanges for retaining the antenna body.
8. An antenna assembly comprising:
an antenna stamped and formed from a sheet metal, said antenna essentially defining a planar bottom with at least one side extending upwardly from an edge of the bottom; and
an insulative base including a planar bottom wall covering said bottom of the antenna, with at least one side wall extending from an edge of said bottom wall

and covering said one side of the antenna, thereby said base substantially located at and compliantly and protectively covering an exterior side of said antenna; wherein

interengaging attachment occurs between the antenna and the base.

9. The antenna assembly as claimed in claim 8, wherein said interengaging attachment occurs between the bottom of the antenna and the bottom wall for he base.

10. The antenna assembly as claimed in claim 9, wherein a plurality of deformable post are formed on the bottom wall of the base facing to the antenna and extending through corresponding through holes in the bottom of the antenna and further deformed at tips thereof to securely assemble both the base and the antenna together.

11. An antenna assembly comprising:

an antenna stamped and formed from a sheet metal, said antenna essentially defining a planar bottom with at least one side extending upwardly from an edge of the bottom; and

an insulative base including a planar bottom wall covering said bottom of the antenna, with at least one side wall extending from an edge of said bottom wall and covering said one side of the antenna, thereby said base substantially located at and compliantly and protectively covering an exterior side of said antenna; wherein

said antenna defines a cutout around a corner between said bottom and said side thereof with a feeder sheet extending from an edge of said cutout, and the base defines a retaining projection received in said cutout and compliantly covered by said feeder sheet.